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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/803,961	03/19/2004	Toshihisa Nagashii	0505-1278P	6485
2292	7590	05/17/2006	EXAMINER	
BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			LUM VANNUCCI, LEE SIN YEE	
			ART UNIT	PAPER NUMBER
			3611	

DATE MAILED: 05/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/803,961

Applicant(s)

NAGASHII ET AL.

Examiner

Lee Lum

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 March 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 and 5-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-16 and 21 is/are rejected.
- 7) ☒ Claim(s) 17-20 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 3/15/06 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. An Amendment was filed 3/15/06.
2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 2, 5-12, 14, 16 and 21 are rejected under 35 U.S.C. 102(e) as being anticipated by limuro 6679347.

limuro discloses a motorcycle frame comprising
Headpipe 12 supporting front fork 2,
The front fork supporting front wheel 14 through a (steering) shaft (unidentified, inherent),
Rear wheel 17,
Pair of right 17, and left pipes 16, connected to the headpipe (fig 3),
Being curved in an outwardly convex shape at a longitudinally intermediate position (fig 4), when viewed from the top, and having a substantially prismatic shape (figs 3 and 5),
Wherein a distance between lower portions at the longitudinal intermediate position of each pipe member is greater than a distance between upper portions (fig 5), and including,
Inner wall (unidentified in fig 5) having a substantially continuous inwardly and downwardly facing concave surface with respect to a vertical direction of the pipe,

Outer wall (unidentified in fig 5) extending substantially a substantially continuous outwardly and downwardly facing convex surface, substantially parallel with the inner wall,

The outer wall extending substantially parallel with the inner wall,

Engine 10 mounted in space 55 between lower portions of the pipes,

First crosspipe (unidentified in fig 1; crosspipe adjacent headpipe)) extending across front portions of the pipes,

Seat rails, rear portions of frame element 26, connected to rear end portions of the pipes,

Right, left gussets (unidentified in fig 2; connecting portions to pipes) extending rearward and downward from the headpipe,

Right, left pivot plates 20, 21 extending downward from rear portions of the pipes (fig 1),

Second crosspipe 51 extending across upper portions of the pivot plates (fig 6),

Third crosspipe 53 extending across lower portions of the pivot plates (fig 6),

Right, left main frame 11, including gussets welded to the pipes, and pipe portions 64 integral with the pivot plates, and welded to rear ends of the pipes (fig 6),

Rib 75c partitioning an interior of each pipe (fig 4).

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3, 13 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Iimuro in view of Nagashii 6502658 .

Re **Claims 3 and 15**, the reference does not specify engine hangers, while Nagashii shows pairs of engine hangers 58 at the front ends, and lower ends 64, of the pipe members, respectively.

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It would have been obvious to one with ordinary skill in the art at the time the invention was made to include these features, as shown in Nagashii, to provide integral attachments for the engine, thus provide secure connections of the engine to the frame.

Re **Claim 13**, limuro does not disclose vertical ribs in the pipe members, while Nagashii shows this type of reinforcement 52-54 in fig 4. It would have been obvious to one with ordinary skill in the art at the time the invention was made to include vertical ribs, to provide increased structural integrity with respect to a vertical direction of the pipe members, thus increase longevity of the vehicle frame. Ribs reinforcing various directions/aspects of structural elements are very well-known.

4. **Claims 17-20** are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Prior art does not disclose the vehicle described above further comprising, *inter alia*, engine hangers secured to the headpipe.

5. **RESPONSE TO REMARKS**

Examiner reiterates her rejections, employing limuro as obviating respective recitations, including limitations regarding "distances at the longitudinally intermediate position of the pipe members", with emphasis on fig 5. The drawing clearly depicts these respective differences, thus limuro is maintained as disclosing these limitations, in addition to others as provided above.

Examiner provides new rejections of Claims 3 and 15, and apologizes for the inconvenience.

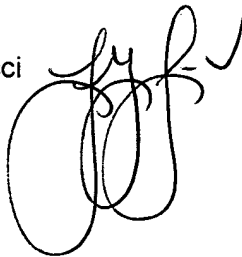
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6. Communication with the Examiner/USPTO

Any inquiry concerning this communication, or others, should be directed to Ms. Lum at 571 272-6649, M-F, 9-5. If she cannot be reached, her supervisor, Ms. Lesley Morris, may be reached at 571 272-6651. Our central fax number is 571 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) System. For unpublished applications - private PAIR only. For published applications - private or public PAIR. For more information re PAIR - <http://pair-direct.uspto.gov>. Questions re private PAIR - contact the Electronic Business Center (EBC) at 866 217-9197.

Ms. Lee S. Lum-Vannucci
Examiner
5/10/06

A handwritten signature in black ink, appearing to be 'L. S. Lum-Vannucci', written over a large, stylized circular mark.